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Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.

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Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire

Murata Manufacturing Co., Ltd.

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

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BEAU DE LOMÉNIE

24.06.02 06065

COURRIER ARRIVÉ

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GROUP C 500

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
P,X	EP 1 168 612 A (MURATA MANUFACTURING CO) 2 January 2002 (2002-01-02) * figures 1,5,6,27 * * column 3, line 44,45,50-58 * * column 6, line 52,56,57 * * column 7, line 3,10,33-37 * * column 8, line 47 * * column 9, line 11,47-50 * * column 10, line 5 * * column 17, line 44-48 * ---	1-14	H03H9/05
X	EP 0 961 404 A (FUJITSU LTD) 1 December 1999 (1999-12-01) * figures 20,22,24C,26,27A *	1,2,6-14	
Y	* abstract * * column 1, line 11 * * column 17, line 6,34-36 * * column 17, line 54 - column 18, line 2 * * column 18, line 5,6 * * column 19, line 12,13 * ---	3-5	
Y	EP 0 735 671 A (MATSUSHITA ELECTRIC IND CO LTD) 2 October 1996 (1996-10-02) * column 10, line 28-30; figures 1,6,7 * * column 11, line 1-10 * ---	3-5	TECHNICAL FIELDS SEARCHED (Int.Cl.7) H03H
A	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 04, 30 April 1999 (1999-04-30) -& JP 11 026623 A (OKI ELECTRIC IND CO LTD), 29 January 1999 (1999-01-29) * abstract * --- -/--	1-14	
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 11 June 2002	Examiner Plathner, B-D
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.82 (P04C01)



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	PATENT ABSTRACTS OF JAPAN vol. 017, no. 559 (E-1445), 7 October 1993 (1993-10-07) -& JP 05 160664 A (FUJITSU LTD), 25 June 1993 (1993-06-25) * abstract * * figure 5 * -----	1-14	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 11 June 2002	Examiner Plathner, B-D
<div>CATEGORY OF CITED DOCUMENTS</div> <div><div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</div><div>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</div></div>			

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 29 0565

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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11-06-2002

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1168612	A	02-01-2002	JP 2002084165 A	22-03-2002
			CN 1331513 A	16-01-2002
			EP 1168612 A2	02-01-2002
			US 2001043024 A1	22-11-2001
EP 0961404	A	01-12-1999	CN 1239354 A	22-12-1999
			EP 0961404 A2	01-12-1999
			JP 2000049565 A	18-02-2000
			TW 449965 B	11-08-2001
			US 2002039056 A1	04-04-2002
EP 0735671	A	02-10-1996	JP 8265096 A	11-10-1996
			DE 69613170 D1	12-07-2001
			DE 69613170 T2	27-09-2001
			EP 0735671 A1	02-10-1996
			US 5699027 A	16-12-1997
JP 11026623	A	29-01-1999	US 2002000895 A1	03-01-2002
JP 05160664	A	25-06-1993	NONE	